



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

November 8, 1999

TO: File

THRU: Daron Haddock, Permit Supervisor *10274*

THRU: Pam Grubaugh-Littig, Permit Supervisor *PS*

FROM: Wayne H. Western, Reclamation Specialist III *WHW (4)*

RE: Permit Renewal, PacifiCorp, Trail Mountain Mine, ACT/015/009-MT99, File #2,  
Emery County, Utah

## Summary:

The Permittee must give the Division additional reclamation information before we can calculate the bond amount.

## BONDING AND INSURANCE REQUIREMENTS

Regulatory Reference: 30 CFR Sec. 800; R645-301-800, et seq.

### Analysis:

#### Form of bond. (Reclamation Agreement)

The Division did not check the form of the bond as part of the bond reevaluation.

#### Determination of bond amount.

Surety Bond Estimate, Table 3-4 in the MRP shows the reclamation cost estimate. The Division reviewed Table 3-4 and found the following deficiencies:

- Building Demolition: The Permittee must give the Division the volume or dimensions of each structure, the material type and the concrete floor, footings and foundations.
- Building Refuse Disposal: The Permittee must give the Division the location of the refuse disposal facilities, the haul distance and the dump fees.

- Concrete Pumping: The Permittee must state how much concrete will be pumped to reclaim the sewer system and other facilities.
- Concrete Demolition: The Permittee must give the dimensions or volume of each concrete structure that will be removed.
- Concrete Refuse Disposal: The Permittee must state how the concrete rubble will be disposed.
- The Permittee must give the Division detailed cut and fill tables that show where material from each cut area will be placed. A generalized cut and fill balance table is insufficient.
- The Permittee must give the Division detailed earthwork calculations. Those earthwork calculations must include haul distance, grade, material volume, and equipment productivity. See the OSM Handbook for details or ask the Division.
- The Permittee must give the Division volumes of riprap to be placed and where.
- The Permittee must give the Division the acreage of each area that will be revegetated. The Permittee must also state what type of revegetation work will occur on each area.

**Terms and conditions for liability insurance.**

The Division did not check the insurance as part of the bond reevaluation. The insurance is checked as part of the complete inspection.

**Findings:**

Information provided in the proposed amendment is not considered adequate to meet the requirements of this section. Prior to approval, the Permittee must provide the following in accordance with:

**R645-301-830.140,** The Permittee must give the Division a detailed estimated reclamation cost with supporting calculations and estimates. See the analysis section for a detailed list of deficiencies.